

## 1 Grammar

$\langle \text{Exp} \rangle ::= \langle \text{Term} \rangle \langle \text{Exp}' \rangle$   
 $\langle \text{Exp}' \rangle ::= + \langle \text{Term} \rangle \langle \text{Exp}' \rangle \mid - \langle \text{Term} \rangle \langle \text{Exp}' \rangle \mid \epsilon$   
 $\langle \text{Term} \rangle ::= \langle \text{Factor} \rangle \langle \text{Term}' \rangle$   
 $\langle \text{Term}' \rangle ::= \times \langle \text{Factor} \rangle \langle \text{Term}' \rangle \mid \div \langle \text{Factor} \rangle \langle \text{Term}' \rangle \mid \epsilon$   
 $\langle \text{Factor} \rangle ::= (\langle \text{Exp} \rangle) \mid \text{digit}$